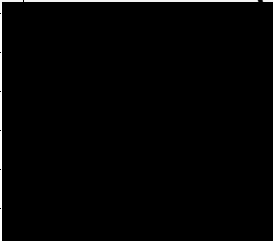


US EPA ARCHIVE DOCUMENT

1. Incident Name		2. Date Prepared		3. Time Prepared		UNIT LOG ICS 214																																																																																					
Kalamazoo River/Enbridge Spill		03/19/2012		HHMM																																																																																							
4. Unit Name/Designators		5. Unit Leader			6. Operational Period :																																																																																						
Operations Unit/Containment Branch Monitoring Group		Name:		Dan Capone & Joe Victory (START/US EPA)		From:	03/19/2012 07:00																																																																																				
		Position:		Operations Section Chief		To:	03/19/2012 17:00																																																																																				
7. Personnel Roster Assigned																																																																																											
Name		ICS Position			CELL																																																																																						
Dan Capone		Operations Section Chief																																																																																									
Joe Victory		Operations Section Chief																																																																																									
Rex Johnson		Deputy Director																																																																																									
Dan Zahner		Field Team Lead																																																																																									
Karen Berecz		Monitoring Group Supervisor																																																																																									
Joseph Kendall		CBM Team # 1																																																																																									
8. Activity Log																																																																																											
Activity Area						LAT	LAT																																																																																				
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<u>OIL OBSERVED</u>		EXTENT OF OIL IMPACTED AREA																																																																																									
		DENSITY OF OIL /SHEEN																																																																																									
Total Collection Points																																																																																											
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Activity		<p><u>Weston/START Containment Branch Monitoring Group (CBM) Team Activity:</u></p> <p>Joseph Kendall and David Pesses conducted (1) Control & Containment Point inspections at shoreline locations at Talmadge Creek. (2) Control & Containment Point inspections at shoreline and overbank locations from Kalamazoo River mile point 0.00 through 40.00. (3) Water & Sediment Temperature & Level Readings.</p> <ul style="list-style-type: none"> • 0630: Meeting with EPA, START, and Enbridge contractors to discuss Containment Operations. • 0730 - 1700: START and NRG members conducted inspections. Observations and recommended actions were logged in the START CBM Team 1 log book, as well as discussed with David Pesses. David Pesses informed Enbridge contractors to make recommended actions. <table border="1"> <thead> <tr> <th>LOCATION</th> <th>WATER TEMP</th> <th>SEDIMENT TEMP</th> <th>WATER LEVEL</th> <th>ICE THICKNESS</th> <th>ICE FORMATION</th> <th>ICE FRAZZLE</th> </tr> </thead> <tbody> <tr><td>MP 2.25 C 0.0</td><td>62.8</td><td>53.2</td><td>3.8</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>MP 5.25 C 0.4</td><td>64.1</td><td>57.2</td><td>2.7</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>MP 10.00 C 3.2</td><td>63.2</td><td>57.0</td><td>2.5</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>MP 15.00 C 5</td><td>60.1</td><td>57.0</td><td>3.6</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>MP 15.6 Culverts</td><td>N/A</td><td>N/A</td><td>N/A</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>MP 18.75 D 2</td><td>60.7</td><td>60.1</td><td>2.3</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>MP 21.50 D 5</td><td>60.1</td><td>59.4</td><td>6.0</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>MP 27.00 E 0.5</td><td>60.7</td><td>55.6</td><td>2.9</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>MP 30.00 E 2</td><td>60.6</td><td>55.4</td><td>1.6</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>MP 35.00 E 3</td><td>60.6</td><td>55.1</td><td>0.9</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>MP 38.00 E 4</td><td>60.1</td><td>59.6</td><td>1.4</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table>						LOCATION	WATER TEMP	SEDIMENT TEMP	WATER LEVEL	ICE THICKNESS	ICE FORMATION	ICE FRAZZLE	MP 2.25 C 0.0	62.8	53.2	3.8	-	-	-	MP 5.25 C 0.4	64.1	57.2	2.7	-	-	-	MP 10.00 C 3.2	63.2	57.0	2.5	-	-	-	MP 15.00 C 5	60.1	57.0	3.6	-	-	-	MP 15.6 Culverts	N/A	N/A	N/A	-	-	-	MP 18.75 D 2	60.7	60.1	2.3	-	-	-	MP 21.50 D 5	60.1	59.4	6.0	-	-	-	MP 27.00 E 0.5	60.7	55.6	2.9	-	-	-	MP 30.00 E 2	60.6	55.4	1.6	-	-	-	MP 35.00 E 3	60.6	55.1	0.9	-	-	-	MP 38.00 E 4	60.1	59.6	1.4	-	-	-
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	<p><u>Talmadge Creek:</u> After Rain Event Inspection: (7) Pom-Poms deployed at:</p> <p>MP 0.0: Source Culvert 1: Intact and look good. MP 0.25: Between Source & Division Road Culvert 2: Intact and looks good. MP 0.5: Division Road Culvert 3: Intact and looks good. MP 0.75: Hillbilly Road Culvert 4: Should be replaced, thin film of Black Algae. MP 1.25: 15 ½-Mile Road Culvert 5: Intact and looks good. MP 1.5: B4.5 Culvert 6: Intact and looks good. MP 2.25: Culvert 7: Intact and looks good.</p> <p><u>Talmadge Creek:</u> Work Temporary (WT), Control (CT), & Containment (CTM) Points (1) deployed are:</p> <p>MP2.25 Confluence: CT Area of Sheen is 0' x 0' = 0 sq. ft.</p> <p><u>Kalamazoo River:</u> Control (CT) & Containment (CTM) Points (10) deployed are:</p> <p>MP5.25 C 0.4 RDB: CTM Area of Sheen is 0' x 0' = 0 sq. ft. Visible Organic Sheen Only. MP8.50 L1 (8.48 LDB) CTM Area of Sheen is 0' x 0' = 0 sq. ft. MP8.50 L3 (8.48 LDB) CTM Area of Sheen is 0' x 0' = 0 sq. ft. MP8.75 R1 CTM Area of Sheen is 0' x 0' = 0 sq. ft. MP9.00 I2 (8.97 I) CTM Area of Sheen is 0' x 0' = 0 sq. ft. MP10.75 L2 SO CTM Area of Sheen is 0' x 0' = 0 sq. ft. MP11.75 L2 (11.79 LDB) CTM Area of Sheen is 0' x 0' = 0 sq. ft. MP15.00 I1 (14.98 I) CTM Area of Sheen is 0' x 0' = 0 sq. ft. Under Water. MP17.00 L1 (Rock Tenn) CTM Area of Sheen is 0' x 0' = 0 sq. ft. MP21.50 R1 CTM No Visible Sheen. Hard-Boom is not attached at northern end due to high water. Area of Sheen is 0' x 0' = 0 sq. ft.</p> <p><u>Helicopter Fly-Over Pictures:</u> Sheen Locations:</p> <p>NONE</p> <p>Total sheen in control points: 0 sq. ft. Total sheen within containment: 0 sq. ft. Total Sheen: 0 sq. ft.</p>
Health and Safety Issues	NONE
Comments	NONE